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| L12 & L8 | 6 |

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 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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DATE: Thursday, August 05, 2004 [Printable Copy](#) [Create Case](#)

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| | <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i> | | |
| <u>L13</u> | L12 & L8 | 6 | <u>L13</u> |
| <u>L12</u> | (concentrat\$4 or concentric\$4) SAME resistance | 130657 | <u>L12</u> |
| <u>L11</u> | L10 & L8 | 0 | <u>L11</u> |
| <u>L10</u> | sens\$3 SAME lens\$2 SAME (electro-optic\$4 or modul\$3 or attenuat\$3 or electrochromic\$4) SAME (concentrat\$4 or concentric\$4) SAME resistance | 30 | <u>L10</u> |
| <u>L9</u> | L8 & L4 | 87 | <u>L9</u> |
| <u>L8</u> | sens\$3 SAME lens\$2 SAME (electro-optic\$4 or modul\$3 or attenuat\$3 or electrochromic\$4) SAME (var\$5 or adjust\$4) NEAR10 aperture\$1 | 87 | <u>L8</u> |
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| <u>L6</u> | L3 & L5 | 6 | <u>L6</u> |
| <u>L5</u> | (electro-optic\$4 or modul\$3 or attenuat\$3 or electrochromic\$4) SAME (var\$5 or adjust\$4) NEAR10 aperture\$1 SAME (electrode\$1 or potential\$1 | 553 | <u>L5</u> |

| | | | |
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| | or voltage\$1) | | |
| <u>L4</u> | (electro-optic\$4 or modulat\$3 or attenuat\$3 or electrochromic\$4) SAME (var\$5 or adjust\$4) NEAR10 aperture\$1 | 2078 | <u>L4</u> |
| <u>L3</u> | sens\$3 SAME vehicle\$1 SAME lens\$2 SAME (electro-optic\$4 or modulat\$3 or attenuat\$3 or electrochromic\$4) | 198 | <u>L3</u> |
| <u>L2</u> | sens\$3 SAME vehicle\$1 SAME lens\$2 SAME (electro-optic\$4 or modulat\$3 or attenuat\$3) | 176 | <u>L2</u> |
| <u>L1</u> | sens\$3 SAME vehicle\$1 SAME lens\$2 SAME electro-optic\$4 | 43 | <u>L1</u> |

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Search Results - Record(s) 1 through 6 of 6 returned.☐ 1. Document ID: US 20040047050 A1**Using default format because multiple data bases are involved.**

L6: Entry 1 of 6

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040047050

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040047050 A1

TITLE: Devices incorporating electrochromic elements and optical sensors

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------|---------|-------|---------|---------|
| Bauer, Frederick T. | Holland | MI | US | |
| Stam, Joseph S. | Holland | MI | US | |

US-CL-CURRENT: 359/738

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|--------|
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☐ 2. Document ID: US 20020185587 A1

L6: Entry 2 of 6

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020185587

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020185587 A1

TITLE: Electro-optic filter for vehicle imaging system

PUBLICATION-DATE: December 12, 2002

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|-----------------|-------------|-------|---------|---------|
| Bos, Brent J. | Tucson | AZ | US | |
| Larson, Mark L. | Grand Haven | MI | US | |

US-CL-CURRENT: 250/208.1

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|--------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|--------|

☐ 3. Document ID: US 6667471 B2 ✓

L6: Entry 3 of 6

File: USPT

Dec 23, 2003

US-PAT-NO: 6667471

DOCUMENT-IDENTIFIER: US 6667471 B2

TITLE: Electro-optic filter for vehicle imaging system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|---------|

☐ 4. Document ID: US 6426492 B1 ✓

L6: Entry 4 of 6

File: USPT

Jul 30, 2002

US-PAT-NO: 6426492

DOCUMENT-IDENTIFIER: US 6426492 B1

TITLE: Electro-optic aperture for vehicular imaging system

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|---------|
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☐ 5. Document ID: US 3510834 A ✓

L6: Entry 5 of 6

File: USOC

May 5, 1970

US-PAT-NO: 3510834

DOCUMENT-IDENTIFIER: US 3510834 A

TITLE: OPTICAL LANDING SYSTEM

DATE-ISSUED: May 5, 1970

INVENTOR-NAME: DURAND TULVIO S

US-CL-CURRENT: 340/956; 340/332, 340/815.75, 340/972, 73/178R /

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|---------|
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☐ 6. Document ID: US 3162556 A ✓

L6: Entry 6 of 6

File: USOC

Dec 22, 1964

US-PAT-NO: 3162556

DOCUMENT-IDENTIFIER: US 3162556 A

TITLE: Introduction of disturbance points in a cadmium sulfide transistor

DATE-ISSUED: December 22, 1964

INVENTOR-NAME: RAVICH LEONARD E

US-CL-CURRENT: [438/56](#); [438/100](#), [438/19](#), [438/508](#), [438/535](#), [438/83](#), [438/95](#)

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWC | Draw. De |
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Search Results - Record(s) 1 through 6 of 6 returned.☐ 1. Document ID: US 20040047050 A1**Using default format because multiple data bases are involved.**

L13: Entry 1 of 6

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040047050

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040047050 A1

TITLE: Devices incorporating electrochromic elements and optical sensors

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY | RULE-47 |
|---------------------|---------|-------|---------|---------|
| Bauer, Frederick T. | Holland | MI | US | |
| Stam, Joseph S. | Holland | MI | US | |

US-CL-CURRENT: 359/738

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |
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☐ 2. Document ID: US 6621616 B1

L13: Entry 2 of 6

File: USPT

Sep 16, 2003

US-PAT-NO: 6621616

DOCUMENT-IDENTIFIER: US 6621616 B1

TITLE: Devices incorporating electrochromic elements and optical sensors

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D |
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☐ 3. Document ID: US 3473452 A

L13: Entry 3 of 6

File: USOC

Oct 21, 1969

US-PAT-NO: 3473452

DOCUMENT-IDENTIFIER: US 3473452 A

TITLE: EXPOSURE VALUE DETERMINING SYSTEM FOR PHOTOGRAPHIC APPARATUS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: IVESTER ANDREW S

US-CL-CURRENT: 396/106; 396/257, 396/293

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWC | Draw De |
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☐ 4. Document ID: US 3432262 A

L13: Entry 4 of 6

File: USOC

Mar 11, 1969

US-PAT-NO: 3432262

DOCUMENT-IDENTIFIER: US 3432262 A

TITLE: METHOD FOR THE PRODUCTION OF AMORPHOUS CADMIUM SULPHIDE

DATE-ISSUED: March 11, 1969

INVENTOR-NAME: RAVICH LEONARD E

US-CL-CURRENT: 423/566; 252/301.4R, 252/301.6S, 423/566.1, 423/571

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|-----|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|-----|---------|

☐ 5. Document ID: US 3162556 A

L13: Entry 5 of 6

File: USOC

Dec 22, 1964

US-PAT-NO: 3162556

DOCUMENT-IDENTIFIER: US 3162556 A

TITLE: Introduction of disturbance points in a cadmium sulfide transistor

DATE-ISSUED: December 22, 1964

INVENTOR-NAME: RAVICH LEONARD E

US-CL-CURRENT: 438/56; 438/100, 438/19, 438/508, 438/535, 438/83, 438/95

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWC | Draw De |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|-----|---------|
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☐ 6. Document ID: US 2468042 A

L13: Entry 6 of 6

File: USOC

Apr 26, 1949

US-PAT-NO: 2468042

DOCUMENT-IDENTIFIER: US 2468042 A

TITLE: Optical ranging device

DATE-ISSUED: April 26, 1949

INVENTOR-NAME: LAWRENCE CRANBERG

US-CL-CURRENT: 356/3.05; 250/221, 250/233, 33/227, 340/556, 340/692, 367/103

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Abstract | Claims | KWC | Draw De |
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